

Anti-COQ3 Antibody

Catalog #	Source	Reactivity	Applications
CQA1605	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to COQ3		
Immunogen	Recombinant full length protein of human COQ3		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of COQ3 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IF/IC (1/50 - 1/200)		
Gene Symbol	COQ3		
Alternative Names	Hexaprenyldihydroxybenzoate methyltransferase mitochondrial; 2-polyprenyl-6-hydroxyphenol methylase; 3,4-dihydroxy-5-hexaprenylbenzoate methyltransferase; DHHB methyltransferase; DHHB-MT; DHHB-MTase; 3-demethylubiquinone-10 3-methyltransferase; Dihydroxyhexaprenylbenzoate methyltransferase		
Entrez Gene	51805 (Human); 230027 (Mouse); 29309 (Rat)		
SwissProt	Q9NZJ6 (Human); Q8BMS4 (Mouse); Q63159 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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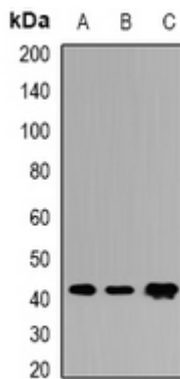
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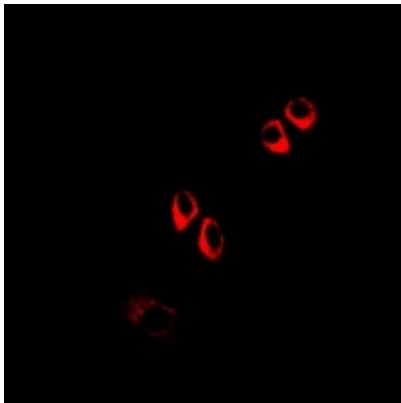
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Product Data Sheet



Western blot analysis of COQ3 expression in NCIH460 (A), mouse heart (B), rat liver (C) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 32; 41 kD)



Immunofluorescent analysis of COQ3 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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